

Application to Participate in the Proprietary Fingerprint Template Evaluation II (PFT II)

1. Who May Participate

- 1.1 Developers of fingerprint matcher software system who have not participate in the NIST Fingerprint PFT II evaluation in the last 90 days (from the completion date of last sdk evaluated).
- 1.2 The fingerprint matching software need not be “operational,” nor a production system, nor commercially available. However, the system must, at a minimum, be a stable implementation capable of being “wrapped” (formatted) in the API specification that *National Institute of Standards and Technology (NIST)* has published¹ for this evaluation.
- 1.3 Anonymous participation will not be permitted. This means that signatories to this Agreement acknowledge that they understand that the results (see Section 6) of the evaluation of the software will be published with attribution to their organization.

2. How to Participate

- 2.1 In order to request participation in PFT II, potential participants must fill out this agreement, *Application to Participate in PFT II Evaluation*, identifying the Responsible Party and the Point of Contact, print and sign the form, and send to the location designated below.
 - 2.1.0 The Responsible Party is an individual with the authority to commit the organization to the terms in this document.
 - 2.1.1 The Point of Contact is an individual with detailed knowledge of the system applying for participation.
- 2.2 Upon receipt of the signed form by NIST, the organization will be classified as a “Participant” for PFT II. Registered Participants can download the small Validation Dataset available on the website².
Prior to submission of their *Software Development Kit (SDK)* the Participant needs to verify that
 - a) their software executes on the validation data, and
 - b) produces results in the desired format.

The output of the validation data must be submitted to NIST along with the SDK. (NIST will supply the list of pairs to match in the Validation Data.)

- 2.3 After the Participant has executed his software on the Validation Data, the Participants should send the software (SDK with encryption as instructed in 2.5) to NIST. Non encrypted software will not be accepted. Software can be sent by email to pft@nist.gov, or on CD to

Proprietary Fingerprint Template Evaluation Liaison
National Institute of Standards and Technology
Information Access Division (894)
100 Bureau Drive, Stop 8940
Gaithersburg, MD 20899-8940

¹ The PFT II Evaluation Plan, API are available at http://www.nist.gov/itl/iad/ig/pftii_evaluation_plan.pdf

² The PFTII validation website is at www.nist.gov/itl/iad/ig/pftii_validation.cfm

- 2.4 Participants shall submit one SDK only, as specified in the of evaluation plan.
- 2.5 The submitted SDK must be encrypted before sending prior to NIST. Detail instructions of how to generate keys and to encrypt with NIST PFT public key are on PFT website³.
- 2.6 Software submitted must be compliant with the API specified by section 5 of http://www.nist.gov/itl/iad/ig/pftii_evaluation_plan.pdf.
- 2.7 In the event software is found to be non-functional or non-compliant with the API, Participants will be notified with a detailed description of the problem(s) and given an opportunity to resubmit.

3. Points of Contact

- 3.1 The PFT II Evaluation Liaison is the government point of contact for PFT II.
- 3.2 All correspondence should be directed to pft@nist.gov, which will be received by the PFT Evaluation Liaison and other PFT personnel.
- 3.3 These correspondences may be posted to the *FAQ (Frequently Asked Questions)* document⁴ available on the PFT website at the discretion of the PFT Evaluation Liaison. The identity of those persons or organizations whose correspondences lead to FAQ postings will not be made public in the FAQ.

4 Access to Validation Data

- 4.1 Validation Data can be downloaded from PFT website to Participants to assist in preparing for PFT II.
- 4.2 The fingerprints in the Validation Data are representative of the PFT II Evaluation Data **only** in format. Image quality, collection device and other characteristics will vary between the Validation and Evaluation Datasets.

5 Access to Evaluation Data

- 5.1 The PFT II Evaluation Datasets are protected under the Privacy Act (5 U.S.C. 552a), and will be treated as ***Controlled Unclassified Information/Sensitive but Unclassified*** and/or ***Law Enforcement Sensitive***.
- 5.2 PFT II Participants will have no access to Evaluation Data, either before, during or after the evaluation.

6 Reporting of PFT Results

- 6.1 After the completion of the PFT II evaluation, the government will publish all results obtained along with the organization's name on the PFT website. The PFT website will contain, at a minimum, descriptive information concerning PFT, descriptions of each experiment, and aggregate evaluation results. NIST will use DET performance metrics as the primary indicators of one-to-one identification search accuracy. NIST will also report enrollment and matching timing information and average template sizes. NIST may compute and report other additional statistics.
- 6.2 Participants will be notified of their results.
- 6.3 After the release of the PFT II results, Participants may decide to use the results for their own purposes. Such results shall be accompanied by the following phrase: "**Results shown from the Proprietary Fingerprint Template Evaluation II (PFT II) do not constitute**

³ http://www.nist.gov/itl/iad/ig/pftii_encryption.cfm

⁴The PFTII FAQ is available at http://www.nist.gov/itl/iad/ig/pftii_faq.cfm

endorsement of any particular system by the U. S. Government.” Such results shall also be accompanied by the Internet address (URL) of the PFT website.

- 6.4 Any data obtained during PFT II (except the SDK itself), as well as any documentation required by the Government from the participants, becomes the property of the Government. Participants will not possess a proprietary interest in the data and/or submitted documentation. The data and documentation will be treated as sensitive information and only be used for the purposes of this evaluation.
- 6.5 With the signing of this form, Participants attest that they will not file any PFT II-related claim against PFT II sponsors, supporters, staff, contractors, or agency of the U.S. Government, or otherwise seek compensation for any equipment, materials, supplies, information, travel, labor and/or other participant provided services.
- 6.6 The Government is not bound or obligated to follow any recommendations that may be submitted by the Participant. The United States Government, or any individual agency, is not bound, nor is it obligated, in any way to give any special consideration to PFT II Participants on future contracts.
- 6.7 With the signing of this form, Participants realize that any evaluation details and/or modifications that are provided in the PFT website supersede the information on this form.
- 6.8 With the signing of this form, Participants realize that they can withdraw from the PFT II at any time before their software is received by NIST, without their participation and withdrawal being documented in the PFT website.
- 6.9 NIST will use the Participants SDK software only for the agreed-upon PFT II evaluation, and in the event errors are subsequently found, to rerun prior tests and resolve those errors.
- 6.10 NIST agrees not to use the Participants software for purposes other than indicated above, without express permission by the Participant.
- 6.11 Please mail the completed and signed form to:

Via Mail:

Proprietary Fingerprint Template Evaluation (PFT II) Liaison
National Institute of Standards and Technology
Information Access Division (894)
100 Bureau Drive, Stop 8940
Gaithersburg, MD 20899-8940

Request to Participate

Company / Organization Name

Responsible Party

Title	First Name	MI	Last Name	Suffix
Street/Mailing Address				
City		State	Zip Code	
Phone Number	Fax Number		Email Address	

Point of Contact: Check if same as Responsible Party above ☐

Title	First Name	MI	Last Name	Suffix
Street/Mailing Address				
City		State	Zip Code	
Phone Number	Fax Number		Email Address	

With my signature, I hereby request consideration as a Participant in the Proprietary Fingerprint Template Evaluation II (PFT II), and I am authorizing my company or organization to participate in PFT II Evaluation according to the rules and limitations listed in this document.

With my signature, I also state that I have the authority to accept the terms stated in this document

SIGNATURE OF RESPONSIBLE PARTY

DATE